



## Complete Summary

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### TITLE

Cervical cancer screening: percentage of women age 21 through 64 years continuously enrolled during the last twelve months having at least one cervical Pap smear during the past three years.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Cervical cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 32 p. [57 references]

## Brief Abstract

### DESCRIPTION

This measure assesses the percentage of women age 21 through 64 years continuously enrolled during the last twelve months having at least one cervical Pap smear during the past three years.

### RATIONALE

The priority aim addressed by this measure is to increase the percentage of women who are up-to-date for cervical cancer screening.

### PRIMARY CLINICAL COMPONENT

Cervical cancer screening; Papanicolaou (Pap) smear

### DENOMINATOR DESCRIPTION

Number of women between the ages of 21 and 64 who have been continuously enrolled over the last twelve months (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

### NUMERATOR DESCRIPTION

Number of women in the denominator who had at least one visit for a Pap smear during the past three years (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

## Evidence Supporting the Measure

### PRIMARY MEASURE DOMAIN

Process

### SECONDARY MEASURE DOMAIN

Not applicable

### EVIDENCE SUPPORTING THE MEASURE

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

### NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Cervical cancer screening.](#)

## Evidence Supporting Need for the Measure

### NEED FOR THE MEASURE

Unspecified

## State of Use of the Measure

### STATE OF USE

Current routine use

### CURRENT USE

Internal quality improvement

## Application of Measure in its Current Use

### CARE SETTING

Physician Group Practices/Clinics

### PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

### LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

## TARGET POPULATION AGE

Age 21 to 64 years

## TARGET POPULATION GENDER

Female (only)

## STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

### Characteristics of the Primary Clinical Component

## INCIDENCE/PREVALENCE

Multiple studies indicate that over 50% of cervical cancers occur in women who have never been screened and over 60% occur in women who have not had a Pap smear in the previous 5 years. Of the unscreened women, 73% received ambulatory care and 16% were hospitalized during that five-year period.

## EVIDENCE FOR INCIDENCE/PREVALENCE

Institute for Clinical Systems Improvement (ICSI). Cervical cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 32 p. [57 references]

## ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

## BURDEN OF ILLNESS

Unspecified

## UTILIZATION

Unspecified

## COSTS

Unspecified

### Institute of Medicine National Healthcare Quality Report Categories

## IOM CARE NEED

Staying Healthy

## IO M DOMAIN

Effectiveness

### Data Collection for the Measure

#### CASE FINDING

Both users and nonusers of care

#### DESCRIPTION OF CASE FINDING

Women between the ages of 21 and 64 years old continuously enrolled for the last twelve months. Ages 21 and 64 are included. Women who are identified as having had a hysterectomy with no residual cervix are excluded.

Data may be collected electronically using the enrollment database to identify women meeting the age and enrollment criteria. The encounter database can be used to determine the number of women meeting the numerator definition. As an alternative, a random sample of 20 charts can be chosen from a list of women within the age and enrollment criteria. The patients' medical records can be reviewed for documentation of both the date test was performed and the result or finding.

It is suggested that data are collected quarterly.

#### DENOMINATOR SAMPLING FRAME

Enrollees or beneficiaries

#### DENOMINATOR (INDEX) EVENT

Patient Characteristic

#### DENOMINATOR INCLUSIONS/EXCLUSIONS

##### Inclusions

Number of women between the ages of 21 and 64 who have been continuously enrolled over the last twelve months. Continuously enrolled means no more than one gap in enrollment of up to 45 days during the last twelve months.

##### Exclusions

Women who are identified as having had a hysterectomy with no residual cervix are excluded. Surgical codes to identify hysterectomy include 56308, 58150, 58152, 58200, 58210, 58240, 58260, 58262, 58263, 58267, 58270, 58275, 58280, 58258, 59135.

#### NUMERATOR INCLUSIONS/EXCLUSIONS

#### Inclusions

Number of women in the denominator who had at list one visit for a Pap smear during the past three years. CPT-4 codes to identify cervical cancer screening include 88141-88145, 88147, 88148, 88150, 88152-88155, 88164-88167.

#### Exclusions

The codes 3000P and 3001P are not included since they refer to Medicare patients.

#### DENOMINATOR TIME WINDOW

Time window is a fixed period of time

#### NUMERATOR TIME WINDOW

Fixed time period

#### DATA SOURCE

Administrative data  
Medical record

#### LEVEL OF DETERMINATION OF QUALITY

Individual Case

#### PRE-EXISTING INSTRUMENT USED

Unspecified

### Computation of the Measure

#### SCORING

Rate

#### INTERPRETATION OF SCORE

Better quality is associated with a higher score

#### ALLOWANCE FOR PATIENT FACTORS

Unspecified

#### STANDARD OF COMPARISON

Internal time comparison

## Evaluation of Measure Properties

### EXTENT OF MEASURE TESTING

Unspecified

## Identifying Information

### ORIGINAL TITLE

Percentage of women age 21 through 64 years continuously enrolled during the last twelve months having at least one cervical Pap smear during the past three years.

### MEASURE COLLECTION

[Cervical Cancer Screening Measures](#)

### DEVELOPER

Institute for Clinical Systems Improvement

### ADAPTATION

Measure was not adapted from another source.

### RELEASE DATE

2003 Jul

### MEASURE STATUS

Please note: This measure has been updated. The National Quality Measures Clearinghouse is working to update this summary.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Cervical cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 32 p. [57 references]

### MEASURE AVAILABILITY

The individual measure, "Percentage of women age 21 through 64 years continuously enrolled during the last twelve months having at least one cervical Pap smear during the past three years," is published in "Health Care Guideline: Cervical Cancer Screening." An update of this measure is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: [www.icsi.org](http://www.icsi.org); e-mail: [icsi.info@icsi.org](mailto:icsi.info@icsi.org).

## NQMC STATUS

This NQMC summary was completed by ECRI on April 6, 2004.

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